

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of the Claims:**

1. (Amended) An isolated mammalian placenta which has been exsanguinated and perfused under sterile conditions, wherein said placenta produces embryonic-like stem cells that are OCT-4<sup>+</sup> and ABC-p<sup>+</sup>.
2. (Original) The isolated mammalian placenta of claim 1 wherein the solution used to perfuse the placenta contains an anticoagulant solution.
3. (Original) The isolated mammalian placenta of claim 1 wherein the solution used to perfuse the placenta contains an antimicrobial solution.
4. (Original) The isolated mammalian placenta of claim 1 wherein the solution used to perfuse the placenta contains growth factors.
5. (Original) The isolated mammalian placenta of claim 1 wherein the placenta is human.
6. (Original) The isolated mammalian placenta of claim 1 which has been stored from about 2 to 24 hours after the expulsion of the placenta from the uterus.
7. (Canceled)
8. (Canceled)
9. (Amended) The isolated mammalian placenta of claim [[7]] 1 which has been perfused or incubated for a period of about 24 to ~~more than~~ about 48 hours.
10. (Amended) An isolated, perfused mammalian placenta which comprises viable embryonic-like stem cells that are OCT-4<sup>+</sup> and ABC-p<sup>+</sup>.
11. (Canceled)
12. (Original) The isolated mammalian placenta of claim 1 which has been perfused for at least two hours.
13. (Original) The isolated mammalian placenta of claim 12 which has been perfused for at least eleven hours.
14. (Original) The mammalian placenta of claim 10 wherein the placenta is recovered after birth.
15. (Original) The isolated mammalian placenta of claim 13 which has been perfused for at least twenty-four hours.
16. (Original) The isolated mammalian placenta of claim 10 wherein the placenta is perfused with a solution containing growth factors.

17. (Amended) The isolated mammalian placenta of claim [[7]] 10 which has been perfused with a solution containing growth factors.

18. (Amended) The isolated mammalian placenta of claim [[7]] 10 which is human.

19-53. (Canceled)

54. (Amended) An isolated placenta ~~containing~~ engrafted with a cell which is neither fetal nor maternal in origin.

55-59. (Canceled)

60 (New) The isolated mammalian placenta of claim 1 which has been perfused or incubated for more than 48 hours.